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TITLE
JOURNAL
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VERSION
KEYWORDS
SOURCE
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                                                                                     3452 tgtggaagottggcttctttgcccataagaaaatccctgaggaagaa 3498
                                                                                                                                                                                 3392
                                                                                                                                                                                              ggatoctcataggcagtgtcctgggagggttgctcctgcttgctctccttgtcttctgcc 3451
                                                                                                                                  Schellenberg, K., Le, N., Lennon, G., Marra, M., Martin, J., Moore, B., T., Waterston, R. and Wilson, R. Tan, F., Theising, B., White, Y., Wylle WashU-Merck EST Project 1997
Unpublished (1997)
Contact: Wilson RK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Email: est@watson.wustl.edu
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Possible reversed clone: similarity on wrong strand
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Kucaba, T., Lacy, M.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthería; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           IMAGE:796105 5' similar to SW:ITAV_MOUSE P43406 VITRONECTIN RECEPTOR ALPHA SUBUNIT PRECURSOR ;, mRNA sequence.
AA461265
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AA461265.1 GI:2186385
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                primer: -28m13 rev2 ET from Amersham
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  quality sequence stop: 182. Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                   and Eco RI sites of the modified pT7T3 vector. Libra went through one round of normalization, and was constructed by Bento Soares and M. Fatima Bonaldo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /clone_lib="soares_total_fetus_Nb2HF8_9w"
/dev_stage="8-9 weeks"
/lab_host="DH10B"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Organism-"Homo sapiens"

/db_xref-"GDB:6039951"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Clone-"IMAGE: 796105"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                          5.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Allen, M., Bowles, L., Dubuque, T., Geisel, G., Jost, S.
                                                                                                                                                                                                                                                                                                                                            0
                                                                                                                                                                                                                                                                                                                                      Score 227; DB 9; 1
Pred. No. 8.7e-97;
0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                     Length 322;
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                                                                                                                           3025 ctatcactgtctcaagtcatcactaacaatgcaagctgcatagtgcagaacctgacctgac 3084
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      source
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occccaggcccacctýtgcatccagaggagcttcaacacacacagactgaatgggagc 3144
                                                                                                                                                                                                        Conservative
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(Pharmacia). Library went through one round of normalization to a Cot = 5. Library constructed by Bento Soares and M.Fatima Bonaldo. RNA from 4 multiple scleros.

the Not I and Eco RI sites of a modified pT7T3 vector

adapters (Pharmacia),

lesions from one patient was kindly provided by Dr. Kevin G. Becker (NINDS/NIH). " 112 c 119 g 111 t 9 others

5.7%; 99.6%;

Score 220; DB 10; Pred. No. 1.8e-93; Mismatches

Indels

0.

Gaps

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Rifkin, L., Rohlfing, T., Le, M., Lennon, G., Marra, M., Parsons, J., R., Williamson, A., Wohldmann, P. and Wilson, R. Waterston The WashU-Merck EST Project Uponibitable 2000.
                                                                                                                                                                                                                                                                                                                                                                                                                                             Washington University School of Medicine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Unpublished (1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 (bases 1 to 447
Hillier,L., Clark,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Yz75e09.rl Soares_multiple_sclerosis_NDHMSP Homo sapiens cDNA clone IMAGE:288904 5' similar to SW:ITA5_HUMAN P08648 FIBRONECTIN RECEPTOR ALPHA SUBUNIT PRECURSOR ;, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
double-stranded cDNA was size selected, ligated to Eco RI adapters (Pharmacia), digested with Not I and cloned into
                                                                 /lab_host="DHIOB (ampicillin resistant)"
/note="Vector: pT7T3D (Pharmacia) with a modified
/note="Vector: pT7T3D (Pharmacia) with a modified
polylinker V_TYPE: phagemid; Site_1: Not I; Site_2: Eco
; lst strand cDNA was primed with a Not I - oligo(dT)
                                 /tlssue_type="multiple sclerosis lesions"
/dev_stage="Age 46"
                                                                                                                                                                                    /clone_lib="Soares_multiple_sclerosis_2NbHMSP"
                                                                                                                                                                                                                /db_xref-"taxon:9606"
/clone-"IMAGE:288904"
                                                                                                                                                                                                                                                                                                  ity sequence stop: 175
Location/Qualifiers
                                                                                                                                                                                                                                              organism="Homo sapiens"
db_xref="GDB:3904744"
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                                                     BEST AVAILABLE COP
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991 actattgccagtgatccagatgagcgattcttcttcaatgtcacagatgaggctgctctg 1050
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Email: asimpsoneludwig.org.br
This sequence was derived from the FAPESP/LICR Human Cancer Genome
Project. This entry can be seen in the following URL
(http://www.ludwig.org.br/scripts/gethtml2.pl?tl-&t2-RC6-FN0028-300
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Ludwig Institute for Cancer Research
Rua Prof. Antonio Prudente 109, 4 and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Seq primer: puc 18 forward
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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                                                                                                                                                                                                         Research) profiles into the pUC 18 vector. Reverse transcription of tissue mRNA and CDNA amplification were performed under low stringency conditions.
                                                                                                                                                                                                                                                                                             /note="Organ: prostate_normal; Vector: puc18; Site_1: SmaI; Site_2: SmaI; A min1-library was made by cloning products derived from ORESTES PCR (U.S. Letters Patent
                                                                                                                                                                                                                                                                                    application No. 196,716 -
                                                                                                                                                                                                                                                                                                                                                                   /organism="Homo sapiens"
/db_xref="taxon:9606"
/clone_lib="FN0028"
                                                                                                                                                                                                                                                                                                                                                     'dev_stage="Adult"
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                                                                                                                                   100.0%;
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                                                                                                                                 Score 167; DB 10;
Pred. No. 3.5e-68;
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                                                                                                                                                 Length 378;
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991 actattgccagtgatccagatgagcgattcttcttctaatgtcacagatgaggctgctctg

89

GTCCTTGGTCACTACCTCCGGCGGCAGCGAGATCCCAGCTCTTTCCTGAGAGAAATTAGA 149 gtccttggtcactacctccggcggcagcgagatcccagctctttcctgagagaaattaga 990 Best

Local

Similarity

4.3%; 5 100.0%; Pr

Score 167; Pred. No.

DB 10; 3.5e-68;

Length 388;

Gaps

Mismatches

167;

Conservative

Query Match Matches

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    l (bases 1 to 388)

1 (bases 1 to 388)

Dias Neto,E., Garcia Correa,R., Verjovski-Almeida,S., Briones,M.R., Nagai,M.A., Bordin,S., Costa,F.F., Nagai,M.A., Bordin,S., Costa,F.F., Goldman,G.H., Carvalho,A.F., Matsukuma,A., Baia,G.S., Simpson,D.H., Brunstein,A., deoliveira,P.S., Bucher,P., Jongeneel,C.V., O'Hare Reis,L.F., de Souza,S.J. and
                                                                                                                                                                                                                                                                                                                                                                                                           This sequence was derived from the FAPESP/LICR Human Cancer Genome Project. This entry can be seen in the following URL (http://www.ludwig.org.br/scripts/gethtml2.pl?tl=&t2=RC6-FN0028-300
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Seq primer: puc 18 forward
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Ludwig Institute for Cancer Research
Rua Prof. Antonio Prudente 109, 4 andar,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Email: asimpson@ludwig.org.br
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/note-"Organ: prostate_normal; Vector: pucl8; Site_1: SmaI; Site_2: SmaI; A mini-library was made by cloning products derived from ORESTES PCR (U.S. Letters Patent application No. 196,716 - Ludwig Institute for Cancer Research) profiles into the pUC 18 vector. Reverse transcription of tissue mRNA and cDNA amplification were performed under low stringency conditions."
                                                                                                                                                                                                                 /organism="Homo sapiens"
/db_xref="taxon:9606"
/clone_lib="FN0028"
                                                                                                                                                                                                                                                                                                            Location/Qualifiers
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